

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	115	(smith adj2 (courtney))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/01/22 10:47
S2	29	("20030025428"   "20050286228"   "20060028137"   "20060077620"   "20060125364"   "5971566"   "6410841"   "6429587"   "6469440"   "6617767"   "6737373"   "6794026"   "7235922"   "7327082").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/01/22 10:52
S3	8320	(sheet or plate or layer or non-woven adj3 (cabon)) (ventilation or hole or filter or vent or mesh or porous or permeab\$5 adj3 (sheet or plate or layer or surface or non-woven)) (carbon adj3 (between or sandwich\$2)) (air or airflow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:00
S4	8320	S3 (sheet or plate or layer or non-woven adj3 (composite))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:01
S5	8320	S3 (sheet or plate or layer or non-woven adj3 (first)) (sheet or plate or layer or non-woven adj3 (second))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:01
S6	814727	((("361") or ("165") or ("257") or ("174"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/22 11:02
S7	457	S5 S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/01/22 11:02
S8	311	S7 (heat or thermal\$2 near (cas\$3 or cover or housing or enclosure or cabinet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:04
S9	309	S8 (sheet or plate or layer or non-woven adj3 (cabon)) (ventilation or hole or filter or vent or mesh or porous or permeab\$5 adj3 (air or airflow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:05

S10	168834	("361").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/22 11:05
S11	77	S9 S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/01/22 11:05
S12	49	S9 (dust\$5 or weather\$5 or waterproof)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:11
S13	26	S12 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:11
S14	206	(S9 not (S11 or S12 or S13))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:13
S15	8322	(sheet or plate or layer or non-woven adj3 (carbon)) (ventilation or hole or filter or vent or mesh or porous or permeab\$5 adj3 (sheet or plate or layer or surface or non-woven)) (carbon adj3 (between or sandwich\$2)) (air or airflow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:14
S16	2	S15 not S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:14
S17	5666	S15 (heat or thermal\$2 near (cas\$3 or cover or housing or enclosure or cabinet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:14
S18	5639	S17 (sheet or plate or layer or non-woven adj3 (carbon)) (ventilation or hole or filter or vent or mesh or porous or permeab\$5 adj3 (air or airflow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:15
S19	77	S10 S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/01/22 11:15

S20	4296	S18 (dust\$5 or weather\$5 or waterproof or particles or dirt or debris or contamination\$4 adj3 (ventilation or hole or filter or vent or mesh or porous or permeable\$5 or sheet or plate or layer or surface or non-woven))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:17
S21	857	S20 (vent or ventilation or filter adj3 (casing or case or housing or enclosure or cover or panel or door or plate or sheet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:19
S22	118	S21 (carbon adj3 (composite))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:21
S23	168834	("361").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/22 11:42
S24	4150	S23 (heat or thermal\$2 near (case\$3 or cover or housing or enclosure or cabinet)) (case\$3 or cover or housing or enclosure or cabinet adj3 (vent or ventilation or filter)) (vent or ventilation or filter near (carbon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:42
S25	1035	S24 (dust\$5 or weather\$5 or waterproof or particles or dirt or debris or contamination\$4 adj3 (ventilation or hole or filter or vent or mesh or porous or permeable\$5 or sheet or plate or layer or surface or non-woven))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:45
S26	1035	S25 (vent or ventilation or filter adj3 (carbon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:49
S27	1033	S25 (vent or ventilation or filter adj3 (composite))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:49
S28	14	S25 (carbon adj3 (composite))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:49
S29	0	S23 (vent adj3 (composite)) (composite adj3 (carbon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:57

S30	1	S23 (ventilation adj3 (composite)) (composite adj3 (carbon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:57
S31	0	S23 (filter adj3 (composite)) (composite adj3 (carbon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:58
S32	69	S23 (mesh or foam adj3 (composite)) (composite adj3 (carbon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:58
S33	50	S32 (dust\$5 or weather\$5 or waterproof or particles or dirt or debris or contamina\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:58
S34	0	S32 (filter adj3 (dust\$5 or weather\$5 or waterproof or particles or dirt or debris or contamina\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/22 11:59
S35	168833	("361").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/24 10:50
S36	4	S35 hydrophyllic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/24 10:50
S37	51	("2494640"   "20030121274"   "20040163796"   "20060137862"   "3984995"   "4274266"   "4353219"   "4672817"   "5842514"   "5933323"   "5953930"   "6208512"   "6226182"   "6354101"   "6394175"   "6504719"   "6778394"   "6896040"   "6899165"   "6955063"   "6958912"   "7047759"   "7227749").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/24 10:58
S38	18	"3984995"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/24 11:07
S39	814726	((("361") or ("165") or ("257") or ("174"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/24 11:10

S40	122	S39 (carbon near (vent or ventilat\$3 or filter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/24 11:10
S41	96	S40 (air or airflow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/24 11:11
S42	19	("20020067595"   "20050259392"   "20050259393"   "20070133168"   "20070206353"   "20070211428"   "5751549"   "6104608"   "6115250"   "6288897"   "6414845"   "6504717"   "6542362"   "6889752"   "7154748"   "7230827"   "7245486"   "7259961"   "7324338").PN. OR ("7593223").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2010/01/24 20:17
S43	0	(10/387202).APP.	USPAT; USOCR	AND	OFF	2010/01/24 20:34
S44	1	("2003/0169558").URPN.	USPAT	AND	OFF	2010/01/24 20:34
S45	0	(10/321214).APP.	USPAT; USOCR	AND	OFF	2010/01/24 20:36
S46	4	("2003/0136728").URPN.	USPAT	AND	OFF	2010/01/24 20:36
S47	78	("1737532"   "3067560"   "3090490"   "3953566"   "4614528"   "4633349"   "4668258"   "4684510"   "4830643"   "4857087"   "4862730"   "4863499"   "4897095"   "4985296"   "5030260"   "5124856"   "5288298"   "5406431"   "5417743"   "5423903"   "5447695"   "5462569"   "5500038"   "5502533"   "5538545"   "5573562"   "5593482"   "5734521"   "5814405"   "5869009"   "5876487"   "5997618"   "6010557").PN. OR ("6238467").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2010/01/24 20:38
S48	0	(09/405495).APP.	US-PGPUB; USOCR	AND	OFF	2010/01/25 09:47
S49	11377	361/502,818,695,704,709,679.48.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/01/25 16:48
S50	192866	((("55") or ("96") or ("360"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/25 16:48
S51	391	(S49 or S50) (sheet or plate or layer or non- woven adj3 (carbon)) (ventilation or hole or filter or vent or mesh or porous or permeab\$5 adj3 (sheet or plate or layer or surface or non- woven)) (carbon adj3 (between or sandwich \$2)) (air or airflow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/25 16:49

S52	391	(S49 or S50) (sheet or plate or layer or non-woven adj3 (carbon)) (ventilation or hole or filter or vent or mesh or porous or permeab\$5 adj3 (sheet or plate or layer or surface or non-woven)) (carbon adj3 (between or sandwich \$2)) (air or airflow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/25 16:49
S53	814726	((("361") or ("165") or ("257") or ("174"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/25 16:50
S54	122	S53 (carbon near (vent or ventilat\$3 or filter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/25 16:50
S55	391	(S52 not S54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/25 16:50
S56	175	S55 (vent or ventilation or filter adj3 (casing or case or housing or enclosure or cover or panel or door or plate or sheet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/25 16:50
S57	28	S56 (vent or ventilation or filter adj3 (casing or case or housing or enclosure or cover or panel or door or plate or sheet)) (carbon adj3 (casing or case or housing or enclosure or cover or panel or door or plate or sheet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/25 16:51
S58	14	"5007946"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/01/26 14:12
S59	194939	((("55") or ("96") or ("360"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/11 13:09
S60	834456	((("361") or ("165") or ("257") or ("174"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/11 13:09
S61	1	(S59 or S60) (gurley adj1 (seconds or unit)) (sheet or plate or layer or non-woven adj3 (carbon)) (ventilation or hole or filter or vent or mesh or porous or permeab\$5 adj3 (sheet or plate or layer or surface or non-woven)) (carbon adj3 (between or sandwich\$2)) (air or airflow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/11 13:09

S62	33	(S59 or S60) (gurley adj1 (seconds or unit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/11 13:09
S63	0	(S59 or S60) (gurley adj1 (seconds or unit)) (carbon adj2 (air))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/11 13:10
S64	16	(S59 or S60) (gurley adj1 (seconds or unit)) carbon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/11 13:10
S65	1	S62 ip65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/11 13:18

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